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PTO/SE/05 (12/97)  
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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. **49024 DIV** Total Pages **39**

First Named Inventor or Application Identifier

**KIM et al.**

Express Mail Label No.

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

**ADDRESS TO:** Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)
2. ☒ Specification [Total Pages **39**]  
(preferred arrangement set forth below)
- Descriptive title of the invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure

3. ☐ Drawing(s) (35 USC 113) [Total Sheets **3**]

4. Oath or Declaration [Total Pages **3**]

- a. ☐ Newly executed (original or copy)
- b. ☒ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)  
[Note Box 5 below]
- c. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 CFR 1.63(d)(2) and 1.33(b)

5. ☒ Incorporation By Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a  
copy of the oath or declaration is supplied under Box 4b,  
is considered as being part of the disclosure of the  
accompanying application and is hereby incorporated by  
reference therein

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Copy
  - b. ☐ Paper Copy (identical to computer copy)
  - c. ☐ Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

8. ☐ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS  
Citations can be found in  
parent application
12. ☒ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
14. ☐ Small Entity ☐ Statement filed in prior application,  
Statement(s) Status still proper and desired
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Other

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) of prior application No. **09 / 303,426**

**18. CORRESPONDENCE ADDRESS**

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The filing fee has been calculated as shown below:


| For:   | Number<br>Filed | Number<br>Extra | Small/Large<br>Entity | Basic Fee<br>\$355/\$710 |
|--|-----------------|-----------------|-----------------------|--------------------------|
| Basic Fee  |                 |                 |                       | \$ 710.00                |
| Total Claims:  | <u>9</u>        | <u>-20=</u>     | x \$9/\$18            | =                        |
| Indep. Claims:   | <u>1</u>        | <u>-3=</u>      | x \$40/\$80           | =                        |
| [ ] Multiple Dependent Claim(s) presented: \$135/\$270 |                 |                 |                       | =                        |
| [ ] Non-English specification fee: \$130               |                 |                 |                       | =                        |
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[X] A check for \$ 710.00 for the above fees is enclosed.

[X] Authorization is hereby given to charge any deficiency in fees, including any extension fees, during the prosecution of this application and for the present filing, to Dep. Acct. 11-0345.

April 23, 2001

Date

  
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For: Filed 04/23/01